

Converting Colors

XYZ(36.5261, 30.3207, 5.9869)

Have a look what the booklet for
XYZ(36.5261, 30.3207, 5.9869)
contains.

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Color

**XYZ(36.4383, 30.1974,
6.0060)**

Conversions

Conversions Part 1

Format	Color
Hex	D88029
RGB	216, 128, 41
RGB Percent	85%, 50%, 16%
CMY	0.1529, 0.4980, 0.8392
CMYK	0.00, 0.41, 0.81, 0.15
HSL	30°, 69%, 50%
HSV	30°, 81%, 85%
XYZ	36.4383, 30.1974, 6.0060
YIQ	144.3940, 80.3750, -8.4010

Conversions

Conversions Part 2

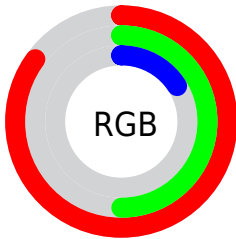
Format	Color
R _Y B	216, 214, 41
Decimal	14188585
CIE Lab	61.82, 27.78, 58.05
CIE LCh	62, 64.350, 64.428
Yxy	30.1974, 0.5016, 0.4157
Android (android.graphics.Color)	4292378665 (0xFFD88029)
YUV	144.3940, -50.9732, 62.7985
Hunter-Lab	54.9522, 22.1955, 31.9864

Details

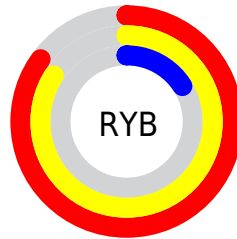
The XYZ color **36.4383, 30.1974, 6.0060** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **21.1588, 21.1287, 67.9282**, and the grayscale version is **26.8459, 28.2440, 30.7577**.

A 20% lighter version of the original color is **59.7843, 55.1159, 18.0771**, and **16.2420, 12.4173, 1.5407** is the 20% darker color. If you saturate the color by 10%, you get **34.8179, 27.4037, 4.0886**, and if you desaturate by 10%, it is **38.4183, 33.3802, 9.0628**.

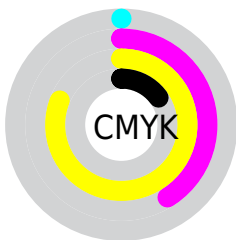
Distribution



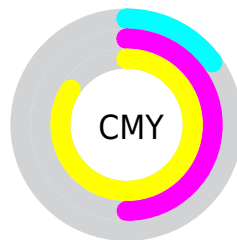
- Red (85%)
- Green (50%)
- Blue (16%)



- Red (85%)
- Yellow (84%)
- Blue (16%)



- Cyan (0%)
- Magenta (41%)
- Yellow (81%)
- Black (15%)





- Cyan (15%)
- Magenta (50%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4383, 30.1974, 6.0060 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 36.4383, 30.1974, 6.0060 by changing the saturation by 10% instead.


 36.4383, 30.1974,
6.0060


 36.4383, 30.1974,
6.0060


322.2702,
302.8235, 168.4327

 24.9446, 19.9885,
2.7799


 69.0275, 59.9742,
18.4212

 16.1643, 12.3867,
0.9834


 90.8537, 80.3109,
28.4474

 9.7321, 7.0076,
0.0000


 116.8547,
104.7923, 41.5774

 5.2826, 3.4668,
0.0000

 147.3959,
133.8027, 58.2297

 2.4504, 1.3800,
0.0000

 182.8428,
167.7267, 78.8228

 0.8703, 0.2019,
0.0000

 223.5605,

 0.0000, 0.0000,

206.9486, 103.7753

0.0000

269.9145,
251.8527, 133.5057

■ 36.4383, 30.1974,
6.0060

■ 36.4383, 30.1974,
6.0060

■ 34.8179, 27.4037,
4.0886

■ 38.4183, 33.3802,
9.0628


■ 33.6170, 25.1955,
3.0914


■ 40.7899, 36.9683,
13.4150


■ 43.5832, 40.9818,
19.1952


■ 46.8239, 45.4380,
26.5191

■ 50.5355, 50.3525,
35.4904

 54.7396, 55.7402,
46.2036

 59.4564, 61.6152,
58.7461

 64.7046, 67.9909,
73.1994

 70.5022, 74.8801,
89.6398

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.5959, 30.1974, 12.7309



36.4383, 30.1974, 6.0060



27.4453, 30.1974, 4.6726

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.4383, 30.1974, 6.0060



15.1821, 30.1974, 36.6689



39.0899, 30.1974, 89.3704

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36.4383, 30.1974, 6.0060



21.1588, 21.1287, 67.9282

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.9959, 30.1974, 106.1910



36.4383, 30.1974, 6.0060



17.1193, 30.1974, 67.5323

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36.4383, 30.1974, 6.0060



16.2315, 30.1974, 16.3957



22.1459, 30.1974, 96.6739



46.3286, 30.1974, 57.8181

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.4383, 30.1974, 6.0060



22.3984, 30.1974, 5.8784



22.1459, 30.1974, 96.6739



36.0889, 30.1974, 97.4957

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36.4390, 30.1990, 6.0065



77.6719, 78.5795, 61.9949



33.2368, 17.8349, 23.3122



16.1538, 16.2153, 12.0689



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.4390, 30.1990, 6.0065



49.3481, 37.4091, 4.8394



52.5340, 62.3890, 11.3715



12.9281, 13.4305, 13.0717



20.0059, 15.1290, 1.8658



1.2894, 1.0780, 0.1401

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.1588, 21.1287, 67.9282



26.4003, 23.7784, 97.8060



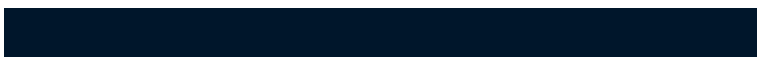
14.2068, 7.2247, 65.6109



12.2534, 13.0303, 15.8068



10.6568, 9.5754, 39.7397



0.7255, 0.7431, 2.4245

Previews

White Background



This preview shows how the XYZ color 36.4383, 30.1974, 6.0060 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 36.4383, 30.1974, 6.0060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4383, 30.1974, 6.0060

Background



This preview shows how black text looks on a background with the XYZ color 36.4383, 30.1974, 6.0060.



This preview shows how white text looks on a background with the XYZ color 36.4383, 30.1974,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

36.4383, 30.1974, 6.0060

Protanopia

27.5679, 30.3428, 7.0931

Deuteranopia

30.9626, 30.2862, 5.8040



Tritanopia

40.1280, 30.2071, 24.1377

Trichromacy



Original Color

36.4383, 30.1974, 6.0060

Protanomaly

30.1542, 29.8498, 6.6549

Deuteranomaly

32.8328, 30.1670, 5.8426

Tritanomaly

38.4077, 30.0705, 14.8462

Monochromacy



Original Color

36.4383, 30.1974, 6.0060

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.3199, 27.7845, 17.7803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4383, 30.1974, 6.0060 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(216, 128, 41)` looks like.

```
.text, #text, p{  
    color:rgb(216, 128, 41)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(216, 128, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 128, 41) }
```

Border

The CSS property to change the border of an element to XYZ 36.4383, 30.1974, 6.0060 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 128, 41) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(216, 128, 41) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(216, 128, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 128, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 128, 41);  
box-shadow:4px 4px 4px 4px rgb(216, 128,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4383, 30.1974, 6.0060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 128, 41) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(216,  
128, 41) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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